

***DOE/ID-10940
Revision 0
Project No. 23037
April 2004***

***Site 036 Track 1 Decision Documentation
Package, Operable Unit 10-08***

**Site 036 Track 1 Decision Documentation Package,
Operable Unit 10-08**

April 2004

**Prepared for the
U.S. Department of Energy
Idaho Operations Office**

**DECISION DOCUMENTATION PACKAGE
COVER SHEET**

Prepared in accordance with

**TRACK 1 SITES:
GUIDANCE FOR ASSESSING
LOW PROBABILITY HAZARD SITES
AT THE INEEL**

Site Description: Debris Southwest of Highway 28

Site ID: 036 **Operable Unit:** 10-08

Waste Area Group: 10

I. SUMMARY – Physical description of the site:

Site 036 is a 10-ft diameter debris pile located approximately 300 yd south of Highway 28. Test Area North (TAN) is the closest Idaho National Engineering and Environmental Laboratory (INEEL) facility, located approximately 7.5 mi southwest, and Mud Lake/Terreton is the closest residential area located approximately 6 mi southeast. This site was originally listed as part of an environmental baseline assessment in 1994 and identified as a potential new waste site in 1995. In accordance with Management Control Procedure-3448, "Reporting Potentially Hazardous Sites," a new site identification form was completed for this site. As part of the identification and reporting process, a field team wrote a site description, and collected photographs and global positioning system (GPS) coordinates of the site. The new site identification process also included a search and review of existing historical documentation.

Personnel from INEEL Waste Area Group 10 and Cultural Resources investigated the site on June 26, 2001, and determined that it was a roadside trash dump containing solid domestic waste. Surface debris included empty rusted food and juice cans, vinegar and pickle bottles, beer bottles and cans, soda bottle fragments, detergent and bleach containers, wire, and a 5-gal galvanized bucket. The cans and bottles did not appear to contain any residual material and as such, do not likely pose a potential threat to human health or the environment. The debris is estimated to date from the late 1960s to early 1970s. There is no evidence to indicate that any debris found at the site was industrial in nature or related to INEEL activities. A follow-up visit to the site by INEEL Cultural Resources personnel in April 2003 confirmed and documented the previous assessment.

There is no visual evidence of hazardous constituents, nor evidence that waste has recently been disposed of at this site. There is no evidence of disturbed vegetation, or stained or discolored soil. The ground surface shows well-established native grasses and sagebrush. The description of the site condition is based on recent site investigations and INEEL Cultural Resource research; no other field screening or sample data exist for this site.

DECISION RECOMMENDATION

II. SUMMARY - Qualitative Assessment of Risk:

There is no evidence that a source of contamination exists at this site, nor is there any empirical, circumstantial, or other evidence of contaminant migration. The reliability of information provided in this report is high. Field investigations, interviews with Cultural Resource personnel, and the examination of photographs revealed no visual evidence of hazardous substances that may present a danger to human health or the environment. Therefore, the overall qualitative risk at Site 036 is considered low.

III. SUMMARY - Consequences of Error:

False negative error:

The possibility of contaminant levels at this site being above risk-based limits is remote. Field investigations and visual observations of the debris and surface soil showed no evidence of hazardous constituents, stained soil, odors, loss of vegetation, fibrous materials, or other indications of contamination.

False positive error:

If further action were completed at this low-risk site, funds could exceed the environmental benefit. Surface soil sampling and analysis for organic compounds, metals, radionuclides or other hazardous constituents would be needed to confirm the presence or absence of contamination. Based on existing information, there is no need for further action at this site.

IV. SUMMARY - Other Decision Drivers:

There are no other decision drivers for this site.

Recommended Action:

It is recommended that this newly identified site be classified as No Action. Field investigations, interviews with personnel having historical knowledge of this area, and photographs indicate it is highly unlikely that hazardous or radioactive materials were generated or disposed of at this site. It is located in a remote, abandoned area with no viable pathways or receptors. TAN is the closest INEEL facility located approximately 6 mi southwest, and Mud Lake/Terreton is the closest residential area located approximately 7.5 mi southeast. There is nothing present at this site that would indicate evidence of contaminant migration, or historical or threatened release of hazardous substances, pollutants, or contaminants. This site is similar to numerous other debris piles across the INEEL containing form-related domestic waste that does not pose a potential threat to human health or the environment.

Signatures:	# Pages: 35	Date:
Prepared By: Wendell Jolley	DOE WAG Manager:	
Approved By: <i>Wendell P. Jolley</i>	Independent Review: <i>Doug S. Vandell</i>	

DECISION STATEMENT
(DOE RPM)

Site 036 / 10-08

Date Received: 8/24/04

Disposition: No Action under CERCLA is appropriate for this roadside trash pile. The trash should be collected and disposed with other domestic waste in the landfill.

Date: 9/3/04

Pages: 1

Name: Kathleen E. Hain

Signature: Kathleen E Hain

DECISION STATEMENT
(EPA RPM)

Date Received:

Disposition: Agree with the classification
of No-Action for site ID# 036.

Date: 4-28-04

Pages:

Name:

Signature:

Devin Falk

**DECISION STATEMENT
(IDEQ RPM)**

Date Received: April 22, 2004

Disposition:

Site #036

This site consists of a small debris pile that contains domestic waste and there is no evidence that any of the debris is industrial or associated with the INEEL. The site is located about 7.5 miles northeast of Test Area North. The debris is estimated to date from the late 1960s to early 1970s. The debris (cans, bottles, wire, etc.) does not pose a threat to human health or the environment. DEQ concurs this is a No Action site.

Date: Daryl F. Koch

Pages:

35

Name: April 29, 2004

Signature:

Daryl F. Koch

DETERMINATION

The U.S Department of Energy, U.S Environmental Protection Agency Region 10, and Idaho Department of Environmental Quality have completed the review of the referenced information for Miscellaneous Site 036 in Operable Unit 10-08 as it pertains to the INEEL Federal Facility Agreement and Consent Order of December 4, 1991. Based on this review, the Parties have determined that no action for purposes of investigation or study is justified.

Brief summary of the basis for no action:

*See Decision Statement Pages
Pg # 3, 4, and 5
for signatures*

References:

DOE Project Manager _____

Date

EPA Project Manager _____

Date

IDEQ Project Manager _____

Date

PROCESS/WASTE WORKSHEET		PROCESS: <u>Debris Southwest of Highway 28</u> WASTE: <u>Domestic Debris</u>	
Col 1 Processes Associated With this Site	Col 2 Waste Description & Handling Procedures	Col 3 Description & Location of any Artifacts/Structures/Disposal Areas Associated with this Waste or Process	
Domestic debris pile located 300 yd south of Highway 28	Domestic debris pile likely used as a former roadside trash dump; debris was abandoned by former area residents.	<p>Artifact: Domestic debris</p> <p>Location: Six mi northwest of Mud Lake/Terreton; 300 yd south of Highway 28.</p> <p>Description: Debris consists of empty rusted food and juice cans, vinegar and pickle bottles, beer bottles and cans, soda bottle fragments, detergent and bleach containers, wire, and a 5-gal galvanized bucket.</p>	

CONTAMINANT WORKSHEET SITE ID: 036 PROCESS: <u>Debris Southwest of Highway 28</u> WASTE: <u>Domestic Debris</u>					
Col 4 What Known/Potential Hazardous Substance/Constituents Are Associated with this Waste or Process?	Col 5 Potential Sources Associated with this Hazardous Material	Col 6 Known/Estimated Concentration of Hazardous Substances/ Constituents	Col 7 Risk-based Concentration	Col 8 Qualitative Risk Assessment (hi/med/low)	Col 9 Overall Reliability (high/med/low)
None	Soil	None	Not Applicable	Low	High

Question 1. What are the waste generation processes, locations, and dates of operation associated with this site?

Block 1 Answer:

Site 036 was investigated by INEEL WAG 10 and Cultural Resources personnel, and determined to be a former roadside trash dump. The site is located approximately 300 yd south of Highway 28. The debris includes empty rusted food and juice cans, vinegar and pickle bottles, beer bottles and cans, soda bottle fragments, detergent and bleach containers, wire, and a 5-gal galvanized bucket. The cans and bottles contained no apparent residuals. The debris is estimated to date from the late 1960s to early 1970s.

Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.

Investigations conducted by INEEL WAG 10, Cultural Resource, and Environmental Restoration Environmental Safety and Health (ER ES&H) personnel revealed that the site contains a small domestic debris pile, likely resulting from a nearby residential community. The artifacts found at the site are domestic in nature, old, unrelated to INEEL activities, and likely pose no potential risk.

Block 3 Has this INFORMATION been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.

Site investigations, interviews, and photographs confirm the above information.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
Photographs	<input checked="" type="checkbox"/> 3	Safety analysis report	<input type="checkbox"/>
Engineering/site drawings	<input type="checkbox"/>	D&D report	<input type="checkbox"/>
Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input type="checkbox"/>	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 2. What are the disposal processes, locations, and dates of operation associated with this site? How was the waste disposed?

Block 1 Answer:

Site 036 was investigated by INEEL WAG 10 and Cultural Resources personnel, and determined to be a former roadside trash dump containing artifacts from the late 1960s to early 1970s. The site is located within the INEEL boundaries, approximately 300 yd south of Highway 28, and 6 mi northwest of Mud Lake/Terreton. TAN is the nearest INEEL facility, located 7.5 mi southwest. Debris includes empty rusted food and juice cans, vinegar and pickle bottles, beer bottles and cans, soda bottle fragments, detergent and bleach containers, wire, and a 5-gal galvanized bucket. The cans and bottles contained no apparent residuals.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

An investigation conducted by WAG 10 and Cultural Resource personnel determined that this site is a domestic roadside trash dump unrelated to INEEL operations. The artifacts are nearly 40 years old and pose no potential threat to human health or the environment.

**Block 3 Has this INFORMATION been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

Interviews, site investigations, and photographs confirm the types of debris and current site condition.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
Photographs	<input checked="" type="checkbox"/> 3	Safety analysis report	<input type="checkbox"/>
Engineering/site drawings	<input type="checkbox"/>	D&D report	<input type="checkbox"/>
Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input type="checkbox"/>	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 3. Is there evidence that a source exists at this site? If so, list the sources and describe the evidence.

Block 1 Answer:

There is no visual evidence that a source exists at Site 036. There is no evidence of hazardous constituents, disturbed vegetation, stained or discolored soil or odors. During a site investigation conducted on June 26, 2001, by INEEL WAG 10 and Cultural Resources personnel, it was noted that the debris pile contained residential trash from roadside dumping. The cans and bottles found within the debris contain no residual materials. The debris is estimated to dated from the late 1960s to early 1970s. The debris is considered to be domestic in nature and unrelated to INEEL activities. A follow-up visit by INEEL Cultural Resources personnel in April 2003, confirmed the previous assessment.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

Site investigations conducted by INEEL WAG 10 and Cultural Resource personnel revealed that the site is a domestic roadside dumpsite. The debris poses no potential threat to human health or the environment.

**Block 3 Has this information been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

Interviews and site investigations confirm that the site is a domestic trash pile approximately 40 years old; photographs confirm the types of debris and current site condition.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
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Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input type="checkbox"/>	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 4. Is there empirical, circumstantial, or other evidence of migration? If so, what is it?

Block 1 Answer:

There is no evidence of migration at Site 036. Site investigations reveal no visual evidence of hazardous constituents, disturbed, stained or discolored soil areas, or odors. The vegetation appears to be well established. INEEL Cultural Resources personnel have determined that the domestic debris likely resulted from residential roadside dumping and is nearly 40 years old. The cans and bottles found within the debris pile contain no residual material and therefore pose no potential threat to human health or the environment. The debris is weathered, domestic in nature, and unrelated to INEEL operations.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

Visual site inspections and photographs of the site show no evidence of staining, and the vegetation is well established, and thus give no indication of disturbance or the presence of contaminants.

**Block 3 Has this information been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

This information was confirmed through site inspections and photographs.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
Photographs	<input checked="" type="checkbox"/> 3	Safety analysis report	<input type="checkbox"/>
Engineering/site drawings	<input type="checkbox"/>	D&D report	<input type="checkbox"/>
Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input checked="" type="checkbox"/> 1	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 5. Does site operating or disposal historical information allow estimation of the pattern of potential contamination? If the pattern is expected to be a scattering of hot spots, what is the expected minimum size of a significant hot spot?

Block 1 Answer:

There is no expected pattern of potential contamination because there is no visual evidence of hazardous substances at the site. There is no evidence of stained or discolored soil, odors, or evidence of disturbed vegetation. The debris was determined to be domestic in nature and unrelated to INEEL activities. The pattern of other hazardous constituents (organics, metals, radionuclides, etc.) cannot be estimated without further field screening or soil sampling beneath and around the debris pile; however, because of the nature, age, and weathered condition of the debris, it is highly unlikely that these contaminants would be present at levels above risk-based limits.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

This information was obtained from an environmental baseline assessment conducted in 1994, and from a subsequent site investigation conducted by WAG 10 and Cultural Resource personnel. The investigations reveal that the debris is domestic in nature and likely resulted from roadside trash dumping. Photographs indicate that the soil is not stained or discolored and vegetation near the debris is well established.

**Block 3 Has this information been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

This information was confirmed through site inspections, interviews, and photographs.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
Photographs	<input checked="" type="checkbox"/> 3	Safety analysis report	<input type="checkbox"/>
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Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input checked="" type="checkbox"/> 1	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 6. Estimate the length, width, and depth of the contaminated region. What is the known or estimated volume of the source? If this is an estimated volume, explain carefully how the estimate was derived.

Block 1 Answer:

Investigations and photographs indicate that Site 036 covers approximately a 10 ft diameter area. The debris consists of empty rusted food and juice cans, vinegar and pickle bottles, beer bottles and cans, soda bottle fragments, detergent and bleach containers, ceramic pieces, wire, and a 5-gallon galvanized bucket. INEEL Cultural Resources determined that the cans and bottles contain no residuals and do not pose a potential threat to human health or the environment. There is no evidence of a source or contaminated region to estimate because there is no evidence of hazardous constituents at this site.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

This information was obtained from a 1994 environmental baseline assessment, and a subsequent site investigation conducted by WAG 10 and Cultural Resources personnel. Neither the assessment nor the investigation gave any indication that the debris contains hazardous substances. Photographs of the area show no evidence of staining or discoloration, and vegetation appears to be well established.

**Block 3 Has this INFORMATION been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

This information was confirmed through site inspections, interviews, photographs and INEEL Cultural Resource historical research.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
Photographs	<input checked="" type="checkbox"/> 3	Safety analysis report	<input type="checkbox"/>
Engineering/site drawings	<input type="checkbox"/>	D&D report	<input type="checkbox"/>
Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input checked="" type="checkbox"/> 1	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 7. What is the known or estimated quantity of hazardous substance/constituent at this source? If the quantity is an estimate, explain carefully how the estimate was derived.

Block 1 Answer:

The estimated quantity of hazardous substances/constituents at this site is near zero because no evidence exists that hazardous or radioactive materials are present. The site consists of solid domestic waste that likely resulted from roadside trash dumping (because of close proximity to Highway 28). INEEL Cultural Resources has estimated the debris to date from the late 1960s to the early 1970s. The debris is extremely weathered and unrelated to INEEL operations.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

This information was obtained from an environmental baseline assessment, INEEL Cultural Resource investigations, and photographs. The site investigations revealed no visual evidence of contamination. Photographs of the site show well-established vegetation, giving no indication of disturbance.

**Block 3 Has this INFORMATION been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

This information was confirmed through site inspections, photographs, and INEEL Cultural Resource historical research.

Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
Current process data	<input type="checkbox"/>	Q.A. data	<input type="checkbox"/>
Photographs	<input checked="" type="checkbox"/> 3	3 Safety analysis report	<input type="checkbox"/>
Engineering/site drawings	<input type="checkbox"/>	D&D report	<input type="checkbox"/>
Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input checked="" type="checkbox"/> 1	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

Question 8. Is there evidence that this hazardous substance/constituent is present at the source as it exists today? If so, describe the evidence.

Block 1 Answer:

There is no evidence that a hazardous substance or constituent is present at levels that require action at this site. INEEL Cultural Resource personnel confirmed that the debris resulted from roadside trash dumping, and is unrelated to INEEL activities. There is no evidence of hazardous constituents at this site.

**Block 2 How reliable are the information sources? ☒ High ☐ Med ☐ Low (check one)
Explain the reasoning behind this evaluation.**

This evaluation is based on interviews, site visitations, and photographs of the area. The site shows no soil staining, and the vegetation in and around the site appears to be well established.

**Block 3 Has this INFORMATION been confirmed? ☒ Yes ☐ No (check one)
If so, describe the confirmation.**

This information was confirmed through site inspections, INEEL Cultural Resource historical research, interviews, and photographs.

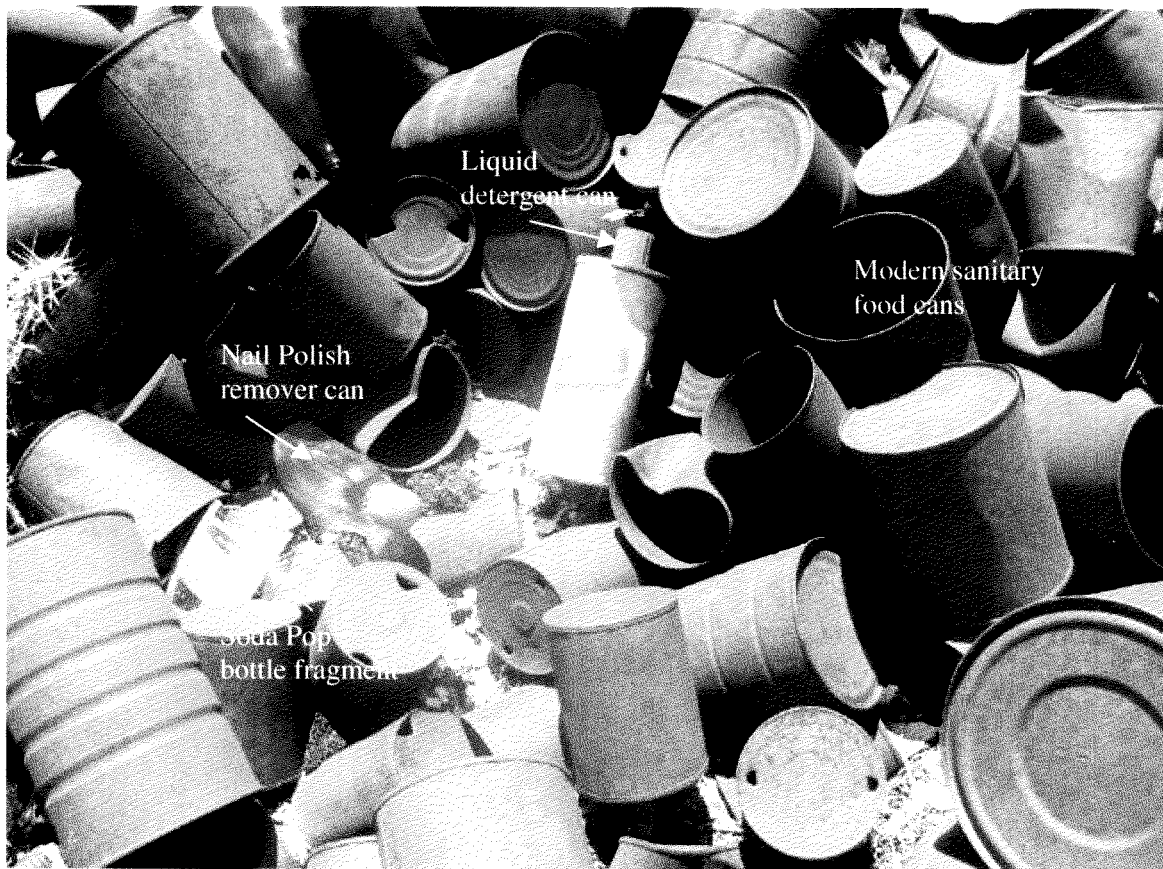
Block 4 Sources of Information [check appropriate box(es) & source number from reference list]

No available information	<input type="checkbox"/>	Analytical data	<input type="checkbox"/>
Anecdotal	<input checked="" type="checkbox"/> 2, 5	Documentation about data	<input type="checkbox"/>
Historical process data	<input type="checkbox"/>	Disposal data	<input type="checkbox"/>
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Unusual Occurrence Report	<input type="checkbox"/>	Initial assessment	<input checked="" type="checkbox"/> 4
Summary documents	<input checked="" type="checkbox"/> 1	Well data	<input type="checkbox"/>
Facility SOPs	<input type="checkbox"/>	Construction data	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

REFERENCES

1. DOE-ID, 1992, *Track 1 Sites: Guidance for Assessing Low Probability Sites at the INEL*, DOE/ID-10340 (92), Revision 1, U.S. Department of Energy, Idaho Operations Office, July 1992.
2. Interview conducted by Marilyn Paarman; (subject) Ramona Donihoo, Environmental Baseline Assessment team member, February 6-7, 2001.
3. Photographs of Site 036: PD 030364-01, PD 030364-02, and PD 030364-03.
4. INEEL company files, *FY 1999 WAG 10 Newly Identified Sites*, Volumes I and II.
5. Interviews conducted by Marilyn Paarman, (subject) Brenda Ringe Pace, INEEL Cultural Resources Management, February 7 and May 16, 2001; subsequent site investigations conducted by Tom Haney, INEEL WAG 10 and Brenda Ringe Pace, June 26, 2001, and Brenda Ringe Pace, April 2003.
6. DOE-ID, 1991, *Federal Facility Agreement and Consent Order for the Idaho National Engineering Laboratory*, Administrative Record No. 1088-06-29-120, U.S. Department of Energy Idaho Operations Office; U.S. Environmental Protection Agency, Region 10; Idaho Department of Health and Welfare; December 4, 1991.
7. MCP-3448, 2003, "Reporting Potentially Hazardous Sites," Revision 4, *Manual 8 – Environmental Protection and Compliance*, April 2003.
8. INEEL company files, 1994, *Environmental Baseline Assessment*, 1994.

Attachment A
Photographs of Site #036



**Site 036, Domestic debris pile adjacent to Highway 28
(PD 030364-01)**



**Site 036, Domestic debris pile adjacent to Highway 28
(PD 030364-02)**



**Site 036, Domestic debris pile adjacent to Highway 28
(PD 030364-03)**

Attachment B

Supporting Information for Site #036

Archeologist's Notes

**Idaho National Engineering and Environmental Laboratory
Cultural Resource Management Office
Intermountain Antiquities Computer System**

SITE FORM

Part A – Administrative Data

1. State No.: 10-JF- 2. Agency No.: n/a 3. Temp No. BBWI-03-17-03
4. State: Idaho County: Jefferson
5. Project: WAG 10 New Sites
6. Report No.: None
7. Site Name: New Site No. 036
8. Class: ☐ Prehistoric ☒ Historic ☐ Paleontologic ☐ Ethnographic
9. Site Type: Refuse Scatter
10. Elevation: 4790 ft. 11. UTM Grid Zone: 12 m E m N
12. NE 1/4 of SW 1/4 of SE 1/4 of Section 29 T. 7N R. 33E
13. Meridian: Boise
14. Map Reference: Montevieu, Idaho 7.5'
15. Aerial Photo: None
16. Location and Access: Access restricted by INEEL Security. Travel north from Idaho Falls on Interstate 15 to Sage Junction, Exit 143 (approximately 25 miles). Travel west on Hwy 28/88 through Mud Lake and Terreton to the point to where these Highways divide (approximately 16 miles). Continue on Hwy 28 toward Salmon approximately 6.6 miles further. Turn southwest onto a dirt two-track trail and travel approximately 0.3 mile to a relatively indistinct intersection with another two-track trail extending WNW. The site adjacent to this intersection is gently rolling sandy topography.
17. Land Owner: Dept. of Energy/ Bureau of Land Management
18. Federal Administrative Units: Idaho National Engineering and Environmental Laboratory
19. Location of Curated Materials: Permanent: Idaho Museum of Natural History, Temporary: INEEL Cultural Resource Management Office, Idaho Falls, ID.
20. Site Description: Dense pile of domestic debris including a large number of cans (food, milk, oil, beer, spice), and bottles (soda pop, beer, cosmetic, food—mayonnaise, fruit). No ceramics were identified. The site is located in gently rolling sandy hills in an area that is just off Hwy 28.

21. Site Condition: ☒ Excellent (A) ☐ Good (B) ☐ Fair (C) ☐ Poor (D)
22. Impact Agent(s): None

23. National Register Status ☐ Significant (C) ☐ Non-Significant (D) ☒ Unevaluated (Z)
Justify: Debris from this site does not appear to be old enough to qualify for National Register nomination. However, it is possible that older materials are located beneath the debris currently exposed at the surface.

24. Photos: Digital photos (03-17-03-01 through 03)
25. Recorded by: B. R. Pace
26. Survey Organization: INEEL CRM Office 28. Survey Date: April 11, 2003
27. Assisting Crew Members: Jack Dittman

Part A – Environmental Data

Site No.(s) _____

29. Slope: None o Aspect: None o
 30. Distance to Permanent Water: 150 ft (x 100 meters)
 *Type of Water Source ☐ Spring/Seep (A) ☐ Stream/River (B) ☒ Lake (C) ☐ Other (D)
 Name of water source Mud Lake

31. Geographic Unit: S5C:Pioneer Basin

32. Topographic Location:

PRIMARY LANDFORM

- ☐ Mountain Spine (A)
☐ Hill (B)
☐ Mesa (C)
☐ Ridge (D)
☐ Valley (E)
☒ Plain (F)
☐ Canyon (G)
☐ Island (H)

- ☐ Alluvial Fan (A)
☐ Alcove/Shltr (B)
☐ Arroyo (C)
☐ Basin (D)
☐ Cave (E)
☐ Cliff (F)
☐ Delta (G)
☐ Monolith (H)

SECONDARY LANDFORM

- ☐ Dune (I)
☐ Floodplain (J)
☐ Ledge (K)
☐ Mesa/Butte (L)
☐ Playa (M)
☐ Port Fea (N)
☒ Plain (O)
☐ Ridge/Knoll (P)

- ☐ Slope (Q)
☐ Terrace/Bench (R)
☐ Talus Slope (S)
☐ Island (T)
☐ Outcrop (U)
☐ Bog (V)
☐ Valley (W)
☐ Cutbank (X)

- ☐ Riser (Y)
☐ Multiple (1)
☐ Bar (2)
☐ Lagoon (3)
☐ Eph Wash (4)
☐ Kipuka (5)
☐ Saddle/Pass (6)
☐ Graben (7)

Describe: The site is located on a level plain with localized sand dunes. The flat and featureless area nearby is the dry bed of ancient Lake Terreton.

33. On-Site Depositional Context:

- ☐ Fan (A)
☐ Talus (B)
☐ Dune (C)
☐ Stream Terrace (D)
☐ Playa (E)

- ☐ Outcrop (Q)
☐ Extinct Lake (F)
☐ Extant Lake (G)
☐ Alluvial Plain (H)
☐ Colluvium (I)

- ☐ Moraine (J)
☐ Flood Plain (K)
☐ Marsh (L)
☐ Landslide/Slump (M)
☐ Delta (N)

- ☐ Desert Pavement (P)
☐ Stream Bed (R)
☒ Aeolian (S)
☐ None (T)
☐ Residual (U)

Description of Soil: Sandy silt with concentrations of fine sand.

34. Vegetation:

*a. Life Zone:

- ☐ Arctic-Alpine (A) ☐ Hudsonian (B) ☐ Canadian (C) ☐ Transitional (D)
☐ Upper Sonoran (E) ☒ Lower Sonoran (F)

*b. Community:

Q	Primary On-Site	M	Secondary On-Site	M	Surrounding Site
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Aspen (A)

Spruce-Fir (B)

Douglas Fir (C)

Alpine Tundra (D)

Ponderosa Pine (E)

Lodgepole Pine (F)

Describe: _____

Other/Mixed Conifer (G)

Pinyon-Juniper (H)

Wet Meadow (I)

Dry Meadow (J)

Oak-Maple Shrub (K)

Riparian (L)

Grassland/Steppe (M)

Desert Lake Shore (N)

Shadescale Community (O)

Tall Sagebrush (P)

Low Sagebrush (Q)

Barren (R)

Marsh/Swamp (S)

Lake/Reservoir (T)

Agricultural (U)

Blackbrush (V)

Mountain Brush (W)

Juniper-Sage (2)

35. Miscellaneous Text _____

36. Comments/Continuations _____

List of Attachments

☐ Part B
☒ Part C

☐ Topo Map
☐ Site Sketch

☐ Photos
☐ Artifact/Feature Sketch

☐ Continuation Sheets
☐ Other:

Part C – Historic Sites

Site No.(s) 10-JF-BBWI-03-17-021. Site Type: Refuse Scatter2. Historic Theme(s): Domestic activities, agriculture

3. Culture

	CULTURAL AFFILIATION	DATING METHOD	CULTURAL AFFILIATION	DATING METHOD
Method	European/American	diagnostic artifacts		

Describe: cans, glass4. Oldest Date: 1920s Recent Date: 1960s or 1970sHow Determined?: Oldest date: cans; recent date: plastic caps on bottles and cans, paper labels on bottles5. Site Dimensions: 10 m by 10 m *Area: 100 sq. m6. Surface Collection/Method: ☒ None (A) ☐ Designed Sample (C)
☐ Grab Sample (B) ☐ Complete Collection (D)Sampling Method: No collection.7. Estimated Depth of Cultural Fill: ☒ Surface (A) ☐ 20 – 100 cm (C) ☐ Fill noted but unknown (E)
☐ 0 – 20 cm (B) ☐ 100 cm+ (D) ☐ Depth Suspected (F)How Estimated? (If tested, show location on site map) N/A8. Excavation Status: ☐ Excavated (A) ☐ Tested (B) ☒ Unexcavated (C)Testing Method: N/A

9. Summary of Artifacts and Debris:

<input checked="" type="checkbox"/> Glass (GL)	<input checked="" type="checkbox"/> Bone (BO)	<input type="checkbox"/> Leather (LE)	<input type="checkbox"/> Ammo (AM)	<input checked="" type="checkbox"/> Domestic Items (DI)
<input checked="" type="checkbox"/> Metal (ME)	<input checked="" type="checkbox"/> Ceramics (CS)	<input checked="" type="checkbox"/> Wire (WI)	<input checked="" type="checkbox"/> Wood (WD)	<input checked="" type="checkbox"/> Kitchen Utensils (KU)
<input type="checkbox"/> Nails (NC)	<input type="checkbox"/> Fabric (FA)	<input checked="" type="checkbox"/> Tin Cans (TZ)	<input type="checkbox"/> Rubber (RB)	<input type="checkbox"/> Car Parts (CR)

Describe: The site is a dense pile of domestic trash (cans and bottles) probably dating from the late 1960s or early 1970s. Tin cans are modern "Sanitary" cans in a variety of sizes and shapes (food, detergent, condensed milk, beer, Tydol Oil, other oil, juice). Labels were observed on several cans including oil cans, liquid detergent, and coffee. Church key openings and cans cut completely around were the most common openings. Other metal objects present included a car part, a bucket, and wire. Bottles of various types were also present in significant numbers (cosmetic, beer, liquor, food). Some beer bottles retained paper labels (Schlitz, Oly). Sawn steak bones were present, but no ceramics or household glass items were observed.

10. Ceramic Artifacts:

PASTE	GLAZE	DECOR	PATTERN	VESSEL FORMS	NO.

Estimated Number of Ceramic Trademarks None observed.Describe: None observed.

11. Glass Artifacts:

NO.	HOW MANUFACTURED	COLOR	FUNCTION	TRADEMARKS	DECORATION
1	machine	aqua	soft drink	Coca-Cola	none
1	machine	green	soft drink	unknown	none
10	machine	amber	Beer	unknown	none
10	machine	green	Beer	unknown	none
20	machine	clear	Food	unknown	none
1	machine	clear	Cosmetic	unknown	none

Estimated Number of Glass Trademarks: Unknown

Describe: Only a few bottles were present. Many broken bottles present. All are machine-made with Screw caps of metal or plastic, and crown caps of metal. Types include cosmetic/toiletry and household (food, ketchup, vinegar, beer, liquor, pickles, mayonnaise, soft drinks). Paper labels still adhere to some Beer bottles in protected areas.

12. Maximum Density - # / sq m (glass and ceramics): 30-50

13. Non-Architectural Features (locate on site map):

<input type="checkbox"/> Trail/Road (TR)	<input type="checkbox"/> Dump (DU)	<input type="checkbox"/> Earthen Dam (DA)	<input type="checkbox"/> Hearth/Campfire (HE)
<input type="checkbox"/> Mine Tailings (MT, ML)	<input type="checkbox"/> Depression (DE)	<input type="checkbox"/> Ditch (DI)	<input type="checkbox"/> Quarry (QU)
<input type="checkbox"/> Rock Alignment (RA)	<input type="checkbox"/> Cemetery/Burial (CB)	<input type="checkbox"/> Inscriptions (IN)	<input type="checkbox"/> Other (OT)

Describe: None observed.

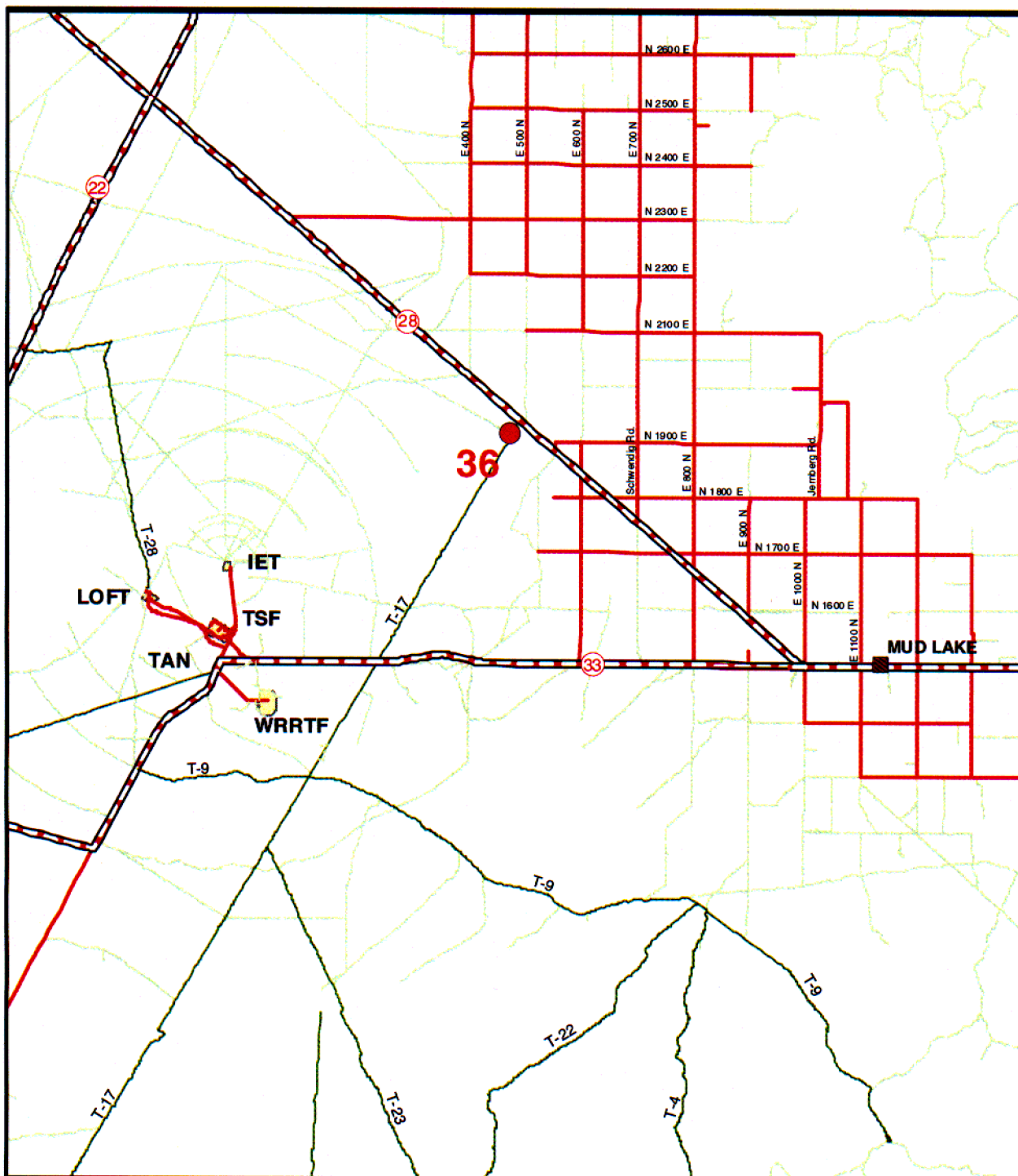
14. Architectural Features (locate on site map):

NO.	MATERIAL	TYPE	NO.	MATERIAL	TYPE

Describe: None observed.

15. Comments/Continuations

Site Map



Legend

- State Highways
- Paved or Light-Duty Roads
- INEEL T-Roads
- Two-Track Roads
- INEEL Facilities
- Site 036 - Debris South West of Highway 28



Project: WAG 10 Track 1 Site-036
 Map Requestor: Wendell Jolley
 GIS Analyst: Dan Mahnami
 Date Drawn: 10/27/2003
 Disclaimer: Contact the INEEL SAL at 526-3529 for information about the data shown on this map.
 Path: X:\gis_projects2\ineel\wag10_newsites
 File Name: Site_036-ap_v1.mxd
 Control Number: SALAM00600